

AMENDMENTS TO THE ABSTRACT

Please cancel the previous abstract and replace with the new abstract.

An electrical device for generating a multi-rate pseudo random noise (PN) sequence. A sequence generator is adapted to output a plurality of sequence values based on a step control signal ( $S_i$ ). A selection system is adapted to select one of a plurality of sequence values based on a select value ( $M_i$ ). A step control is adapted to provide the step control signal ( $S_i$ ). Also disclosed is a method of generating a multi-rate PN sequence.